

Claims

1. Partition (3, 13) for separating two areas, comprising two translucent separation walls (4, 14; 5, 15) located a distance (a) of more than 5 mm apart, wherein means are provided for moving a liquid between said separation walls, said means comprising liquid dispensing means (7, 17) arranged to provide a liquid film (10), wherein one (4, 14) of said separation walls is an external separation wall and the other (5, 15) of said separation walls is an internal separation wall, wherein said liquid film moves over said internal separation wall, characterised in that there is a thermally insulating space (18) between said liquid film (10, 10 20) and the external separation wall (4, 14).
2. Partition according to Claim 1, which is installed at an inclination, wherein said external separation wall is the upper separation wall and the internal separation wall is the lower separation wall.
- 15 3. Partition according to Claim 1 or 2, wherein the liquid film has a layer thickness (b) of less than 5 mm and in particular less than 1 mm.
4. Partition according to one of the preceding claims, wherein said insulating layer has a 20 thickness (c) of more than 3 mm.
5. Partition according to one of the preceding claims, wherein a liquid encapsulating layer (21) is arranged between said lower panel (15) and said upper separation wall (14).
- 25 6. Partition according to Claim 4, wherein said liquid sealing layer comprises a film layer.
7. Partition according to one of the preceding claims, wherein said external separation wall is installed permanently and said internal separation wall can be moved with respect thereto.
- 30 8. Partition according to one of the preceding claims designed to separate the interior of a building construction (1) from the surroundings, wherein said separation wall (5) provided with liquid is adjacent to the interior of said building construction.

9. Partition according to one of the preceding claims, wherein a separation wall comprises plastic and more particularly polyamide such as polyamide 6.6.

10. Partition according to one of the preceding claims, wherein the external separation wall
5 is provided with a surface that can be removed therefrom in order to form an opening in
said external separation wall.

11. Partition according to one of the preceding claims, having a frame that is arranged
around said separation wall and contains a liquid feed and liquid discharge.

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12. Partition according to Claim 11, wherein said internal separation wall can be moved
into a space by said frame.

13. Building construction containing a partition according to one of the preceding claims.

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14. Building construction according to Claim 13, wherein there is a heat sink for releasing
said liquid to the liquid dispensing means/taking up the liquid originating from said panel.

15. Method for controlling the temperature in an area, which area is provided with a
20 translucent partition consisting of separation walls at least 5 mm apart, wherein one
separation wall constitutes the boundary with said area and the other separation wall
constitutes the boundary with said surroundings, wherein a liquid film is applied to one
separation wall, such that the top of the liquid film is some distance away from said other
separation wall, wherein an insulating gas is arranged in said space between said liquid
25 film and said other separation wall, wherein the heat transport to/from said area is
determined by controlling the amount of liquid supplied/discharged.

16. Method according to Claim 15, wherein said film is 95 % or more translucent.

30 17. Method according to one of Claims 15 or 16, wherein said liquid comprises water
and/or glycol.

18. Method according to one of Claims 15 - 17, wherein agents that lower the surface tension have been applied to said liquid and/or to said one separation wall.
19. Method according to one of Claims 15 - 18, wherein additives that influence light transmission have been applied in said liquid.
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20. Method according to one of Claims 15 - 19, wherein the feed temperature of said liquid is below 14 °C.
- 10 21. Method according to one of Claims 15 - 20, wherein an electrical potential is applied to said liquid film.